

**ONE  
FOR ALL®**



**URC-7541/44  
702246**

**ONE FOR ALL 4 Digital**

# Universal Remote

USER GUIDE & CODE BOOK

**URC-7544**



**URC-7541**



**Retain For Future Reference**

# Table of Contents

<b>QUICK SET-UP</b>	2
<b>QUICK SEARCH</b>	3
<b>INSTALLING THE BATTERIES</b>	4
<b>THE KEYPAD</b>	4
<b>INSTALLATION</b>	
Setting up your Digital Satellite System	7
Setting up your other devices	8
The Search Method	9
<b>SET-UP CODES</b>	
Quick Code Reference	11
Televisions	11
Video Recorders	17
Satellite Receivers	20
Cable Converters	23
DVD Players	23
<b>ADVANCED FEATURES</b>	
Scan	24
Volume Punch Through	24
Menu	25
Colour and Brightness	25
Sleeptimer	26
Using the AUX Key	28
Changing the mode of a Device Key	29
<b>TROUBLE-SHOOTING</b>	
Helpful Hints (Problem and Solution)	30
Customer Service	31

## About Your ONE FOR ALL 4 Digital

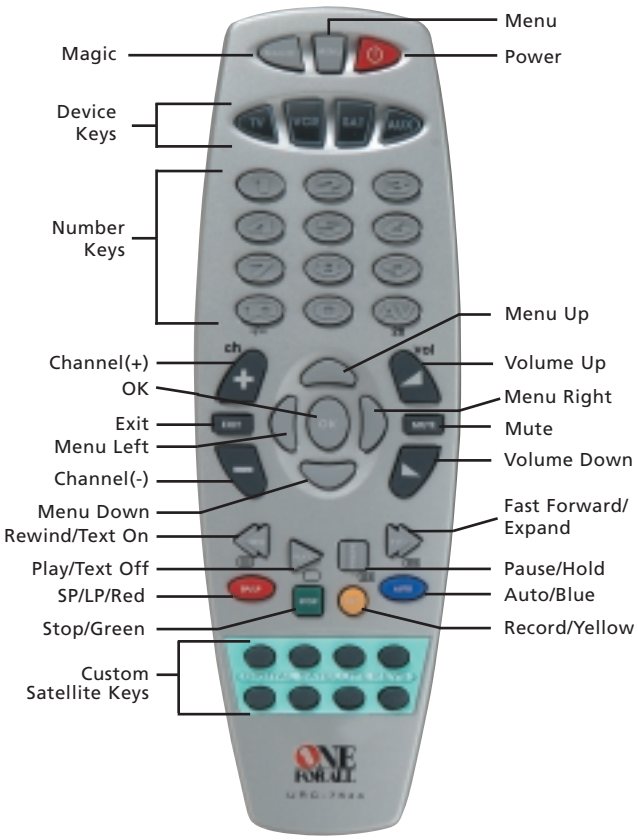
Your ONE FOR ALL 4 Digital Package contains:

- Your ONE FOR ALL 4 Digital Remote
- Your ONE FOR ALL 4 Digital Manual

Your manual is divided into two parts: set-up instructions and device codes. **You may need this guide again in the future, so please be sure to keep it.**

Your ONE FOR ALL 4 Digital needs 2 new "AA/LR6" alkaline batteries.

Your ONE FOR ALL 4 Digital can operate any combination of the following 4 devices: a Television, a Video Recorder or DVD Player and a Satellite Receiver or Cable Converter. The ONE FOR ALL 4 Digital is specially designed to provide full functionality of your Digital Satellite System (BskyB, ONdigital, Foxtel, Multichoice etc.). Of course the ONE FOR ALL 4 Digital can operate the basic functions of any satellite and cable converter as well. To find out how to install the ONE FOR ALL 4 Digital for your devices please refer to the pages within.



**URC-7541/44**

# Quick Set-Up

The instructions below and on the next page can be used to quickly install your new ONE FOR ALL.

You can use the Quick Set-Up below with the codes listed **on pages 11-23**. If this doesn't work, try the Quick Search on the next page. The Quick Search can also be used even if your brand is not listed at all.

**Make sure you install the batteries in your ONE FOR ALL before following the instructions below. Make sure your device is switched on (not in standby).**

## 1. Press device key:



## 2. Press and hold until the device key blinks twice (the device key will blink once and then twice). Then release.

## 3. Enter (4-digit code). See pages 11-23. The device key will blink twice.

## 4. Aim remote at your device and press (or PLAY).

### NOTES:

- To set up your Digital Satellite System please enter the four-digit code found at the bottom of the adhesive overlay next to the brand name.
- The instructions above are a "Quick" set-up guide. For further explanation, please refer to the pages within.
- Make sure you write your Set-Up codes in the boxes provided on page 11 and inside the battery compartment for easy future reference.


# Quick Search

Make sure your device is switched on (not in standby).



Make sure you aim your ONE FOR ALL at your device during "Quick Search".


1. Aim your ONE FOR ALL at your device and press device key:



2. Press and hold  until the device key blinks twice (the light will blink once then twice).

3. Press   

4. Slowly alternate between the device key ( ie:  ) and  until your device turns off.

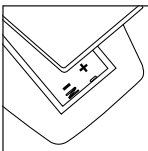
5. When your device turns off, press . The device key will blink twice. Your device is Set Up.

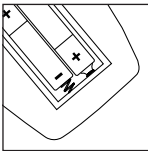
## NOTES:

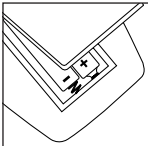
- During step 4, you may have to press these keys many times, so please be patient.
- If your Video's original remote control does not have a power key, press PLAY instead of POWER during step 4. Make sure a cassette is inserted.

## Installing the Batteries

Your ONE FOR ALL 4 Digital needs 2 new "AA/LR6" alkaline batteries.

- 

Remove the battery cover from the back of your ONE FOR ALL 4 Digital by pressing down on the tab.
- 

Match the batteries to the + and - marks inside the battery case, then insert the batteries.
- 

Press the battery cover back into place.

### Important notes:

- On the inside of the battery compartment door you will find a label on which to write your Set-Up codes after your ONE FOR ALL 4 Digital is set up for your device. Please write down your codes for easy, future reference.
- Do not use rechargeable batteries.
- In order to avoid having to reprogram your ONE FOR ALL 4 Digital after you remove the batteries, you will need to insert new batteries within 5 minutes.

## The Keypad

### Function



#### MAGIC Key

The MAGIC key is used to set up your ONE FOR ALL 4 Digital and to access special functions.



#### Menu Key

The MENU key controls the same function as it did on your original remote.



#### Power Key

The POWER key controls the same function as it did on your original remote.

# The Keypad

## Function



### Device Keys

The TV, VCR, SAT and AUX keys select the home entertainment device to be controlled. For example pressing the TV key allows the remote to control the functions of your Television, after pressing VCR you can operate your Video Recorder or DVD Player and the SAT key operates your Satellite Receiver or Cable Converter. The AUX key only operates a second Television, Video Recorder or DVD Player, Satellite Receiver or Cable Converter. During operation of the ONE FOR ALL the device key will light up to indicate the mode you are using.



### Channel, Volume Keys

The CHANNEL and VOLUME keys control the two most frequently used functions of your device. They operate just as those on your original remote.

### Mute Key

The MUTE key operates the same function as it did on your original remote control. It is also used to activate the SCAN feature (see page 24).



### Directional Keys

These keys will allow you to navigate through the MENU of your device.

### Exit

The EXIT key will exit the MENU.



### OK

The OK key will confirm your choice in MENU operation.



### Number Keys

The Number keys (0-9, 10, AV(20)) provide direct access functions just like your original remote, such as channel selection. If your original remote uses one/two digit input switching (-/-- symbol), this function can be obtained by pressing the -/-- key, which is the same as the 10 key. If your original remote has a 20 key, this function can also be found under the AV key.



### Video Recorder Keys

After pressing the VCR key, the Video Recorder keys operate the functions of your Video Recorder. To prevent accidental recording, the RECORD key must be pressed **twice** to start recording.









The SP/LP key controls the tape speed function, the AUTO key controls the auto tracking function just like on your original remote.

# The Keypad

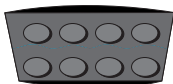
## Function

### Teletext Keys

After pressing the TV key, the top row of the VCR keys are used to operate the main teletext functions. The symbols below the keys are for teletext. The text keys are used to access the teletext functions of your Television. Of course, your Television must have teletext capability.

-  **TEXT ON** Puts the Television in the teletext mode.
-  **TEXT ON/OFF** Switches the Television back to regular viewing mode. On some Televisions, this may be done by pressing the TEXT key several times.
-  **HOLD/STOP** Stops changing pages.
-  **EXPAND** Shows the top half of the teletext page in larger letters. By pressing again, you can see the bottom half of the teletext page enlarged. To return to regular teletext viewing, press the EXPAND key again, or press the TEXT key, depending on your television.
-  (red) After pressing the TV key, the bottom row of the Video Recorder keys marked red, green, yellow and blue, allow you to access the fastext functions of your television.
-  (green) Again, your television must have fastext capability to operate these functions. If on your original remote control these keys are used for MENU functions, the ONE FOR All Fastext keys may operate the same.
-  (yellow)
-  (blue)

**Important note:** For a more detailed explanation of teletext and fastext, please refer to the manual of your Television. Remember, different Televisions control teletext and fastext features in different ways. Not all of the teletext functions may be available for your particular model.



### Custom Satellite Keys:

These special keys are designed to be used with your Digital Satellite System. Inside your manual you will find a package containing several adhesive overlays which will customize these keys. Open the package and locate the correct overlay referring to your brand. Set up your Digital Satellite System following the instructions on page 7.


**In addition, when in TV mode, the top row of keys will provide you with the following functions (if available on the original remote); from left to right: White, Purple, Mix and 16:9.**




# Installation


## Setting up your Digital Satellite System

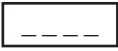
To set up the ONE FOR ALL 4 Digital for your Digital Satellite System, follow the instructions below.


- 

Example

Inside this manual you will find a package containing several adhesive overlays. Open the package and locate the correct overlay referring to your brand. **Make sure your Digital Satellite System is switched on.**
- 

Press and release the SAT key.
- 

**Press and hold down the MAGIC key** until the device key blinks twice (the device key will blink once, then twice).
- 

Enter the **four-digit SAT code** which you will find on the overlay corresponding to your brand. The device key will blink twice.
- 




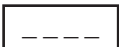

Now aim your ONE FOR ALL 4 Digital at your Digital Satellite System and press **POWER**. If your device switches off, your ONE FOR ALL 4 Digital should be ready to run your Digital Satellite System.
- Turn your device back on and try all the remote's functions.
- Write your code in the four boxes provided in the battery compartment and on page 11 for easy future reference.**
- The ONE FOR ALL 4 Digital should now operate your Digital Satellite System.
  - Remove the temporary paper overlay over the eight keys at the bottom of the remote.
  - Take the adhesive overlay corresponding to your brand.
  - Peel off the transparent protective cover from the front.
  - Peel off the backing sheet.
  - Stick the overlay in its place over the eight keys at the bottom of the remote.

# Installation

## Setting Up Your Other Devices

To set up the ONE FOR ALL 4 Digital for your Television, Video Recorder or DVD Player, Satellite Receiver or Cable Converter, follow the instructions below.

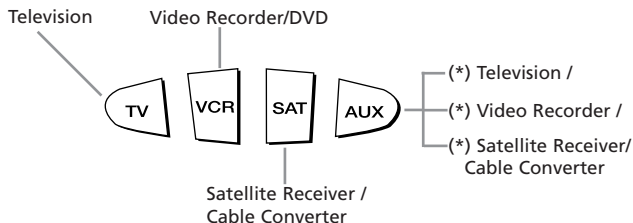
**Example: to set up the ONE FOR ALL for your TV:**

-  Find your Television code in the Set-Up Code section (starting on page 11). Codes are listed by brand name. The most popular code is listed first. **Make sure your Television is switched on (not in standby).**
-  Press and release your ONE FOR ALL 4 Digital's **TV** key.
-  **Press and hold down the MAGIC key** until the device key blinks twice (the device key will blink once, then twice).
-  Enter your **four-digit TV code** using the number keys. The device key will blink twice.
-  Now, aim the ONE FOR ALL 4 Digital at your Television and press **POWER**. If your Television switches off, your ONE FOR ALL 4 Digital should be ready to run your Television.
- If your device (television) does not respond to the code entered, follow steps 1-5 with each code listed for your brand. If none of the codes listed for your brand operate your device (television), or if your brand is not listed at all, try the search method described on page 9.**
- Write your code in the four boxes provided in the battery compartment and on page 11 for easy future reference.**

### Important notes:

- Some codes are quite similar. If your device does not respond or is not functioning properly with one of the codes, try another code listed under your brand.
- For VCR setup: If your VCR's original remote control does not have a POWER key, press PLAY instead of POWER during step 5.
- Remember to press the correct device mode key before operating your device. Only one device can be assigned to each device mode key. If your original remote control operates more than one device, you need to set up each device separately.

**Devices can be found under the following keys:**



**To set up for a second TV, VCR/DVD or SAT/CBL (See Changing the Mode of a Device Key, Page 29).**







**(\*) To use the AUX key (see page 28).**

# Installation

## The Search Method

If your Television, Video Recorder or DVD Player, Satellite or Cable Converter does not respond to the ONE FOR ALL 4 Digital after you have tried all the codes listed for your brand, try searching for your code. The Search Method allows you to find the code of your device by scanning through all the codes contained in the memory of the ONE FOR ALL. The Search Method may also work if your brand is not listed at all.

### Example: to search for your TV code:

- 1** Switch your Television on (not in standby) and aim your ONE FOR ALL at your TV.
- 2**  Press the **TV** key on your ONE FOR ALL 4 Digital.
- 3**  **Press and hold down MAGIC** until the device key blinks twice (the device key will blink once then twice).
- 4**  Press **9 9 1**. The device key will blink twice.
- 5**   
 Now, slowly alternate between **TV** and **POWER**, over and over, until your Television turns off. You may have to press these keys many times, so please be patient. Remember to keep pointing the ONE FOR ALL 4 Digital at your Television when you press the **POWER** and **TV** keys.
- 6**  As soon as your Television turns off, press **MAGIC**. The device key will blink twice.
- 7** The ONE FOR ALL remote should now be ready to operate your device. Turn your device back on (you may need to press a number key instead of **POWER**) and try all the remote's functions to ensure they are working properly. If some of the ONE FOR ALL's commands are not operating correctly, try the search method again. You may be using the wrong code.

#### Important notes:








- To search for the code for your Video Recorder or DVD Player, Satellite or Cable converter follow the instructions above only press **VCR** or **SAT** during steps 2 and 5.
- If your Video's original remote control does not have a **POWER** key, press **PLAY** instead of **POWER** when searching for your code. Make sure a cassette is inserted.
- During step 5, you may have to press these keys many times (up to 200!) so be patient. Remember you must aim the ONE FOR ALL at your device the entire time you are searching for your code.



# Installation

After you have used the Search Method, you can find out which code the ONE FOR ALL responded to by blinking back the code. It is useful to know your code for future reference. **Remember, you can only blink back your code after the ONE FOR ALL is operating your device.**

**Example: to blink out your Television code:**

- 1**  Press **TV** once.
- 2**  **Press and hold MAGIC** until the device key blinks twice.
- 3**  Press **9 9 0**. The device key will blink twice.
- 4**  For the first digit of your four-digit code, press **1** and count all the red blinks. If there are no blinks, the digit is "0".
- 5**  For the second digit, press **2** and count all the red blinks. If there are no blinks, the digit is "0".
- 6**  For the third digit, press **3** and count all the red blinks. If there are no blinks, the digit is "0".
- 7**  For the fourth digit, press **4** and count all the red blinks. If there are no blinks, the digit is "0". Now you have your four-digit code.

**Make sure you write down your device code in the boxes provided in the battery compartment and on page 11 for easy future reference.**

**Important note:** To blink back the code for your Video Recorder or DVD Player, Satellite or Cable converter, follow the instructions above only press VCR or SAT during step 1.

# Set-Up Codes

## Quick Code Reference

The following pages list the codes for your equipment.  
The most popular codes for each brand are listed first.

**Write down the codes for your devices in the boxes below and in the battery compartment, for quick and easy reference.**

Device Type

Code

1. _____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2. _____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
3. _____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
4. _____	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

## Set-Up Codes (4 digits)

### TV

3510991	A.R. Systems	0037 0352 0373 0556	3510045	Anitech	0009 0068 0076 0264 0037 0282
3511271	Abex	0032	3510047	Ansonic	0370 0668 0292 0102 0009 0037 0374 0163 0323 0411 0259 0247 0012 0428 0104
3511306	Accent	0037	3510050	Apollo	0473
3512089	Acec	0012	3510053	Arc en Ciel	0399 0501 0109 0196 0568 0333 0198
3510010	Admiral	0087 0093 0363 0418 0305 0213 0264 0163	3510054	Arcam	0216 0399 0217
3510012	Adyson	0068 0217 0216 0032	3511307	Ardem	0486
3511080	Agashi	0216 0264	3510057	Aristona	0037 0556 0012 0013
3510015	AGB	0516	3510059	Arthur	
3510997	Agef	0087		Martin	0163 0400 0237
3510017	Aiko	0009 0037 0371 0035 0216 0433 0072 0361 0191 0264 0217	3510060	ASA	0105 0346 0070 0104 0087
3510018	Aim	0037 0274	3510062	Asberg	0037 0076 0102
3510020	Akai	0361 0208 0371 0037 0433 0191 0035 0009 0072 0218 0163 0546 0516 0602 0556 0548 0581 0480 0217 0631 0216 0264 0448 0377 0606	3511095	Asora	0009
3510021	Akiba	0218 0282 0455 0037 0294	3510070	Asuka	0218 0264 0216 0282 0217
3510022	Akito	0272 0037	3510072	Atlantic	0037 0216 0206 0259 0320 0009
3510023	Akura	0218 0359 0282 0276 0009 0412 0171 0264 0037 0493 0668	3510074	Atori	0009
3511267	Alaron	0179 0216	3510075	Auchan	0163 0400
3510024	Alba	0218 0235 0009 0418 0370 0355 0371 0037 0216 0247 0431 0163 0211 0581 0487 0036 0668 0579	3510080	Audiosonic	0009 0037 0109 0217 0370 0337 0264 0218 0486 0428
3510026	Alcyon	0076 0211	3510081	Audioton	0217 0486 0370 0264 0428
3510029	Allorgan	0206 0294 0217	3510084	Ausind	0076
3510032	Allstar	0037	3510085	Autovox	0087 0206 0237 0076 0349 0217 0247 0336
3510037	Ambassador	0177	3511156	AWA	0011 0036 0009 0157 0374 0412 0037 0216 0606
3510041	Amplivision	0217 0400 0320 0370	3511081	Ayomi	0238
3510042	Amstrad	0177 0009 0516 0264 0354 0218 0371 0433 0171 0362 0412 0037 0648 0581 1037	3511098	AYR	0535
3511094	Anam	0037 0009 0068	3510091	Baird	0109 0193 0343 0190 0192 0072 0073 0217 0208
3511268	Anam		3510093	Bang & Olufsen*	0565 0087 0620 0275 0380 0163
3512090	Anex	0421	3510094	Barco	0218 0009 0374 0037 0567 0163 0282 0217 0668 0455
3510044	Anglo	0009 0264	3510097	Basic Line	0217 0146 0303 0535 0195 0512 0037 0554 0191 0361 0349 0505 0010
	National	0037 0250 0650	3510098	Bastide	0217
			3510099	Baur	0146 0303 0535 0195 0512 0037 0554 0191 0361 0349 0505 0010
			3511082	Bazin	0217
			3510103	Beko	0486 0370 0428 0037 0606
			3510105	Beon	0037 0418 0032



3510302	Finlux	0105 0104 0037 0346 0217	3511108	Hanimex	0294
		0072 0163 0076 0516 0070	3510362	Hanseatic	0037 0292 0282 0349 0163
		0087 0179 0102 0411 0631			0361 0394 0213 0320 0428
		0492 0480 0213			0370 0009 0294 0217 0373
3510304	Firstline	0294 0321 0216 0037 0374			0431 0519 0276 0087 0377
		0385 0247 0009 0163 0102			0499 0556
		0217 0411 0349 0238 0072	3510363	Hantarex	0009 0213 0037 0296 0102
		0235 0668 0208			0516
3510305	Fisher	0104 0217 0036 0208 0370	3510364	Hantor	0037
		0555 0045 0087 0157 0361	3511280	Harley	
		0163 0303 0349 0072		Davidson	0179
3510307	Flint	0037 0455 0072 0218 0264	3511281	Harvard	0068
		0610	3511084	Harwood	0009 0412 0032 0037
3511002	FNR	0102	3511678	Hauppauge	0037
3510308	Forgestone	0193	3510370	HCM	0264 0009 0282 0412 0217
3510309	Formenti	0087 0213 0216 0320 0163			0218 0418 0037
		0076 0037	3510372	Hema	0217 0009
3511644	Formenti-Phoenix	0216 0320	3510373	Hemmermann	0349
3510310	Fortress	0093 0087	3511681	Hiatchi	0563
3510313	Fraba	0370 0037	3510374	Hifivox	0501 0109 0196 0198 0399
3511106	Friac	0009 0037 0102 0421 0370			0568
		0499 0655	3511682	Highline	0264 0037
3510319	Frontech	0247 0264 0349 0363 0431	3511110	Hikona	0218
		0448 0217 0009 0163	3510377	Hinari	0208 0179 0036 0037 0218
3510322	Fujitsu	0179 0206 0072 0102 0217			0009 0163 0364 0039 0355
		0163 0009 0352			0443 0211 0487 0235 0294
3511457	Fujitsu General	0009 0186 0217 0206	3510380	Hisawa	0282 0218 0400 0455 0610
			3511004	Hit	0087
3510323	Funai	0264 0179 0294 0303	3510381	Hitachi	0225 0036 0349 0356 0044
3510326	Galaxi	0102 0037			0043 0032 0473 0145 0163
3510327	Galaxis	0370 0418 0037 0102			0343 0150 0578 0196 0198
3510331	GBC	0213 0163 0009 0374 0218			0217 0306 0227 0194 0276
		0363			0516 0072 0481 0499 0037
3510333	GE	0343 0282 0560 0287 0109			0563 0105 0556 0548 0109
		0335	3511684	Hitachi Fujian	0108 0150
3511003	Geant Casino	0163 0400			
3510335	GEC	0043 0072 0163 0361 0205	3511170	Hitsu	0009 0455 0218
		0516 0037 0217 0349	3511685	HMV	0087
3510336	Geloso	0213 0247 0009 0363 0163	3511085	Hornophone	0037 0012
		0374	3510384	Hoshai	0218 0455
3510337	General	0590 0109 0287 0471	3511086	Huanyu	0374 0216
3510338	General Technic	0009	3510388	Hygashi	0217 0216
3510339	Genexxa	0218 0037 0412 0493 0163	3510389	Hyper	0009 0216 0217 0247
		0009	3510390	Hypersonic	0361
3510341	Germanvox	0213	3510391	Hypson	0037 0264 0217 0282 0455
3512264	Goldfunk	0668			0400 0238
3510345	Goldhand	0216	3511005	Iberia	0037
3510346	Goldline	0337	3510393	ICE	0264 0217 0037 0371 0218
3510347	GoldStar	0037 0370 0032 0290 0009			0216 0009
		0377 0217 0247 0216 0431	3511006	Ices	0218 0216
		0163 0361 0044 0109 0363	3510395	Imperial	0037 0247 0370 0418 0163
		0606 0039			0074 0084 0252 0076 0349
3511663	Gooding	0487			0196 0431
3510349	Goodmans	0036 0072 0037 0009 0264	3510396	Indesit	0237 0213
		0516 0290 0179 0374 0487	3510397	Indiana	0037
		0364 0371 0499 0556 0343	3511343	Ingelen	0487 0610 0163
		0235 0035 0480 0560 0032	3510398	Ingersoll	0009
		0217 0335 0668 0218	3510401	Inno Hit	0009 0072 0037 0218 0290
3510350	Gorenje	0370 0421			0217 0076 0516 0247 0102
3510351	GPM	0218	3511311	Innovation	0519
3511248	Gradiente	0053 0170	3511312	Interactive	0411
3510352	Graetz	0037 0361 0371 0163 0546	3510404	Interbuy	0009 0264 0247 0068 0037
3511667	Gran Prix	0648	3510405	Interfunk	0037 0012 0087 0512 0275
3510353	Granada	0037 0400 0226 0356 0359			0327 0163 0546 0361 0370
		0012 0045 0072 0146 0108			0501 0109 0568 0247 0349
		0208 0217 0076 0036 0339	3511113	Internal	0037
		0516 0201 0473 0335 0560	3510408	Intervision	0282 0217 0455 0037 0068
		0163 0363			0371 0377 0519 0448 0486
3510354	Grandin	0282 0218 0400 0037 0009			0370 0394 0487 0218 0102
		0320 0163 0455 0579 0610			0431 0163 0264 0247 0009
		0374 0668	3510410	Irradio	0009 0037 0218 0247 0290
3511107	Gronic	0102 0217			0076 0371
3510355	Grundig	0535 0195 0191 0554 0487	3510412	Isukai	0218 0037 0282 0455
		0070 0076 0205 0237 0037	3510413	ITC	0217
		0556 0587 0009 0036	3510414	ITS	0037 0371 0218 0282 0264
3511671	Grunpy	0179			0216
3510359	Halifax	0264 0216 0217	3510415	ITT	0163 0480 0349 0546 0361
3510360	Hampton	0216 0217			0473 0548 0567 0193 0346
					0339 0208 0179 0610





3510572	New Tech	0037	0009	0556	0343	0217	3510635	Philharmonic	0217				
		0448					3510636	Philips	0037	0556	0012	0013	0323
3510571	New World	0218							0554	0191	0043	0087	0193
3510574	Nicamagic	0216							0343	0374			
3510576	Nikkai	0072	0218	0037	0217	0264	3510639	Phoenix	0037	0087	0320	0486	0370
		0032	0035	0337	0216	0009			0385	0216	0163	0072	
		0036					3510640	Phonola	0037	0556	0012	0013	0087
3510578	Nobliko	0102	0076	0070	0216				0193	0216			
3510579	Nogamatic	0399	0501	0109	0196	0568	3511336	Pilot	0037	0556	0039		
		0333					3510642	Pioneer	0166	0037	0428	0370	0343
3510580	Nokia	0361	0163	0480	0349	0548			0361	0109	0163	0287	0486
		0492	0359	0473	0546	0339	3511132	Pionier	0370	0486			
		0208	0374	0631	0606	0346	3510644	Plantron	0037	0264	0009		
		0179	0320	0567	0610		3511066	Playsonic	0217				
3510582	Nordmende	0109	0501	0287	0399	0196	3510645	Policom	0568	0102	0109	0196	0198
		0343	0198	0213	0568	0560			0205	0206	0237	0238	0239
		0195	0037	0335					0275	0361			
3511806	Novak	0012					3510647	Poppy	0009				
3511013	Novatronic	0037	0105	0374			3510648	Portland	0374	0039			
3510588	Oceanic	0567	0163	0400	0361	0294	3511846	Powerpoint	0487				
		0208	0563	0473	0548		3510650	Prandoni-Prince	0247	0516	0361	0213	0363
3512100	Odeon	0264							0076				
3510590	Okano	0370	0037	0264	0072	0009	3510651	Precision	0217				
3511014	Omega	0264					3510655	Prima	0032	0009	0264	0068	
3510595	Onwa	0371	0602	0218	0433	0581	3510656	Prinz	0072	0349	0194		
		0102					3510658	Profex	0009	0163	0431	0361	0363
3510596	Opera	0037							0076				
3510598	Optimus	0250	0650	0166			3510659	Profi	0009				
3511299	Optonica	0093					3510660	Profitronic	0037	0102			
3510599	Orbit	0037					3510662	Proline	0321	0072	0037	0012	0625
3510602	Orion	0179	0235	0294	0177	0320	3510664	Prosonic	0037	0214	0216	0370	0374
		0355	0011	0037	0009	0321			0579	0371	0668		
		0364	0211	0296	0102	0477	3510665	Protech	0037	0217	0009	0247	0349
		0443	0556	0655	0264	0412			0102	0264	0431	0418	0337
		0516							0668	0282			
3511015	Orline	0037	0218				3510669	Provision	0499	0037	0556		
3511192	Ormond	0385	0668	1037			3510672	Pye	0037	0374	0556	0012	0013
3511820	Orsowe	0516							0087	0554			
3510605	Osaki	0072	0218	0032	0217	0264	3510673	Pymi	0009				
		0493	0276	0037	0412	0272	3511067	Quadra Vision	0400				
		0374	0211	0355									
3511193	Osio	0037					3510677	Quasar	0247	0250			
3510607	Oso	0218					3510678	Quelle	0037	0010	0011	0501	0109
3510608	Osume	0157	0072	0036	0032	0218			0512	0535	0349	0554	0191
		0037							0361	0032	0036	0217	0247
3510610	Otto								0074	0084	0327	0306	0328
	Versand	0010	0505	0036	0093	0512			0070	0104	0105	0157	0195
		0037	0556	0535	0195	0349			0200	0213	0252	0264	0290
		0554	0191	0361	0235	0109			0668	0146	0294	0346	0421
		0213	0294	0226	0247	0303	3510679	Questa	0036	0032			
		0320	0217	0282	0343	0373	3510680	R-Line	0037				
		0428	0431	0516	0519	0009	3510682	Radialva	0109	0218	0431	0163	0037
3510614	Pael	0216							0337				
3510616	Palladium	0370	0037	0191	0505	0010	3510684	Radiola	0037	0556	0012	0323	0217
		0200	0418	0554	0556	0247	3510685	Radiomarelli	0087	0201	0516	0247	0037
		0327	0349	0087	0163	0213	3511088	RadioShack	0037	0032	0039		
		0217	0411	0655	0519	0363	3510686	Radiotone	0009	0037	0428	0370	0579
3511129	Palsonic	0264	0412	0037	0217	0377			0418	0264	0412	0648	
3510619	Panama	0009	0217	0264	0216	0037	3510690	Rank	0070				
		0247					3511867	Rank Arena	0036				
3510620	Panasonic	0226	0650	0250	0126	0240	3511869	RBM	0070				
		0274	0214	0213	0361	0237	3510691	RCA	0093	0560	0625	0335	0090
		0367	0340	0516	0037	0163	3510693	Realistic	0032	0039			
		0548					3511016	Recor	0037				
3510622	Panavision	0037	0411				3512101	Rectiligne	0037				
3510628	Pathe Cinema	0163	0238	0216	0400	0320	3510695	Rediffusion	0201	0361	0548	0036	
		0292	0349	0213	0431		3511017	Redstar	0037				
3510629	Pathe Marconi	0205	0213	0501	0109	0196	3511018	Reflex	0037	0668			
		0198	0333	0399	0237	0568	3510698	Revox	0037	0370			
3510631	Pausa	0009					3510699	Rex	0305	0206	0363	0411	0247
3511387	Penney	0039							0163	0259	0264		
3510632	Perdio	0072	0320	0163	0037	0216	3510700	RFT	0087	0292	0370	0428	0072
3510633	Perfekt	0037							0264				
3511460	Pershin	0400					3511338	Rhapsody	0216				
3511131	Phase	0032					3510701	Roadstar	0009	0264	0218	0418	0037
3510634	Philco	0087	0084	0074	0418	0076			0282	1037			
		0213	0247	0252	0163	0370	3510703	Robotron	0087				
		0037	0145	0186									



3510883 Telear 0037 0579  
 3510884 Teletech 0009 0247 0337 0037 0668  
 3510885 Teleton 0217 0275 0206 0163 0349  
 0259 0186 0036 0363  
 3510887 Televideon 0320 0163 0216  
 3511022 Televiso 0400  
 3510889 Temco 0294  
 3511334 Tempest 0009 0037  
 3511991 Tennessee 0037  
 3510891 Tensai 0104 0218 0037 0217 0294  
 0320 0009 0105 0374 0371  
 0377 0247  
 3511023 Tenson 0320 0009  
 3511461 Tevion 0519 0037 0648 0668  
 3510892 Texet 0217 0374 0009 0216 0218  
 3510895 Thomson 0287 0399 0109 0501 0333  
 0471 0335 0196 0198 0205  
 0237 0343 0037 0490 0568  
 0560 0625 0349  
 3510897 Thorn 0193 0073 0190 0238 0192  
 0074 0084 0499 0037 0104  
 0335 0512 0359 0272 0374  
 0035 0553 0108 0109 0225  
 0343 0361 0505 0535 0072  
 3511997 Thorn-  
 Ferguson 0104 0108 0109 0190 0192  
 0238 0193 0361 0335 0499  
 0073 0035  
 3511329 TMK 0177  
 3510900 Tokai 0072 0037 0448 0337 0163  
 0217 0374 0009  
 3510901 Tokyo 0216 0035 0448  
 3510902 Tomashi 0282 0218  
 3510905 Toshiba 0035 0553 0508 0243 0036  
 0070 0102 0217 0109 0490  
 3510906 Towada 0349 0102 0217  
 3512109 Toyoda 0009  
 3512110 Trakton 0264  
 3510908 Trans  
 Continens 0668 0217 0037  
 3512111 Transonic 0037 0455 0587 0512 0264  
 3512008 Transtec 0216  
 3510913 Trident 0516 0217  
 3510915 Tristar 0218 0193  
 3510916 Triumph 0177 0516 0346 0556 0037  
 0243  
 3512014 Tsoschi 0282  
 3512017 TVTEXT 95 0556  
 3510919 Uher 0076 0037 0206 0320 0303  
 0374 0418 0486 0370 0259  
 3511148 Ultra 0192  
 3510920 Ultravox 0087 0102 0374 0247 0216  
 0163 0213 0037  
 3511024 Unic Line 0037 0473 0455  
 3511215 United 0037  
 3510929 Universum 0346 0105 0535 0195 0473  
 0361 0247 0492 0480 0370  
 0200 0418 0011 0146 0512  
 0294 0036 0157 0032 0070  
 0163 0264 0104 0037 0421  
 0411 0290 0252 0074 0306  
 0213 0327 0328 0010 0505  
 0076 0349 0217 0501 0109  
 0362 0337 0177 0631 0668  
 0554 0009 0084  
 3510930 Univox 0337 0087 0037 0163 0238  
 0296  
 3510937 Vestel 0037 0163 0217 0556 0668  
 1037  
 3510938 Vexa 0009 0037  
 3512032 Vibrant 0272  
 3510939 Victor 0053  
 3510942 Videologique 0216 0218 0217  
 3512038 Videosat 0247  
 3510943 VideoSystem 0037  
 3510944 Videotechnic 0216 0320 0217 0374  
 3511025 Videoton 0356 0163 0431  
 3511322 Vidikron 0102  
 3511330 Vidtech 0036  
 3510947 Viper 0337

3510949 Visiola 0216  
 3510950 Vision 0037 0320 0217  
 3510954 Vistar 0276 0206 0361 0567  
 3510956 Vortec 0037  
 3510957 Voxson 0087 0076 0037 0363 0418  
 0163  
 3510958 Waltham 0217 0668 0276 0356 0418  
 0287 0385 0037 0109 0431  
 0490  
 3511399 Wards 0179  
 3510959 Watson 0037 0320 0163 0218 0305  
 0213 0579 0519 0394 0009  
 0668 1037  
 3510960 Watt Radio 0213 0102 0349 0163 0216  
 3510961 Wega 0213 0036 0087 0037  
 3511026 Wegavox 0009  
 3510963 Weltblick 0037 0320 0217  
 3511245 Wharfedale 0037 0519  
 3510967 White Westing-  
 house 0320 0216 0037 0337  
 3511027 Windstar 0282  
 3510976 Krypton 0037  
 3510979 Yamishi 0282 0455 0218 0037 0217  
 3510980 Yokan 0037  
 3510981 Yoko 0217 0037 0218 0264 0009  
 0431 0421 0370 0305 0339  
 0216 0247 0373  
 3510983 Yorx 0218  
 3510984 Zanussi 0206 0305 0363 0217  
 3511219 Zenor 0339

## VCR

3521028 Adelsound 0004  
 3520012 Adyson 0072  
 3520019 Aiwa 0307 0000 0041 0209 0348  
 0352 0037  
 3520020 Akai 0106 0315 0053 0041 0020  
 0352 0240 0285  
 3520021 Akiba 0072  
 3521029 Akitan 0295  
 3520023 Akura 0072 0041  
 3520024 Alba 0278 0072 0333 0334 0209  
 0352 0192 0020 0295 0000  
 0315 0348 0081 0293  
 3520029 Allorgan 0240  
 3520032 Allstar 0322 0081  
 3520037 Ambassador 0020  
 3520042 Amstrad 0000 0325 0332 0278 0072  
 3520045 Anitech 0072 0322  
 3520047 Ansonic 0004  
 3520057 Aristona 0081  
 3520060 ASA 0037 0081  
 3520070 Asuka 0072 0037 0081 0000 0038  
 3520080 Audiosonic 0278  
 3520081 Audioton 0020  
 3521501 AVP 0352  
 3521156 AWA 0075 0037 0278 0043  
 3520091 Baird 0106 0278 0104 0107 0041  
 0000  
 3520093 Bang &  
 Olufsen 0499  
 3520097 Basic Line 0278 0209 0020 0072  
 3520107 Bestar 0278 0020  
 3520109 Black Panther 0278  
 3520113 Blaupunkt 0226 0081 0154 0227 0162  
 0006 0195 0403 0034  
 3520114 Blue Sky 0037 0209 0348 0072 0352  
 0278  
 3520118 Bondstec 0020 0072  
 3520120 Bosch 0154  
 3520123 Brandt 0041 0187 0206 0320 0321  
 0493  
 3521525 Brandt  
 Electronique 0041  
 3520126 Brinkmann 0209 0348  
 3521030 Brionvega 0344





3520979 Yamishi 0072 0278  
 3520980 Yokan 0072  
 3520981 Yoko 0037 0072 0020 0240  
 3521220 ZX 0209

## SAT

3530994 ABSat 0832 0668 0123  
 3530013 Aegir 0520  
 3530016 AGS 0668 0710  
 3530020 Akai 0515 0200  
 3531153 Akena 0668  
 3530024 Alba 0421 0515 0455 0254 0362  
 0519 0613 0713 0734  
 3530027 Aldes 0288 0362 0519 0520 0734  
 3530028 Allantide 0333  
 3530030 Allsat 0067 0200 0364 0183 0734  
 3530031 Allsonic 0288 0369  
 3530033 Alltech 0586 0713  
 3530034 Alpha 0668 0200  
 3530036 Altai 0396  
 3530039 Amitronica 0713  
 3530040 Ampere 0368 0396 0829 0132  
 3530042 Amstrad 0345 0847 0461 0080 0252  
 0243 0338 0689 0713 0742  
 0396 0132 0882 0885 0863  
 0501 0795  
 3530044 Anglo 0713  
 3530046 Ankara 0288 0217 0369 0220 0519  
 0713 0692  
 3530049 Anttron 0421 0183 0613  
 3530050 Apollo 0421  
 3530056 Arcon 0132 0368 0217 0373 0692  
 0332  
 3530058 Armstrong 0243 0200  
 3530060 ASA 0397  
 3530061 Asat 0373 0200  
 3531154 ASLF 0713  
 3532159 AssCom 0853  
 3530064 AST 0351 0321  
 3530065 Astacom 0668 0710  
 3530067 Aston 0458 0142  
 3530068 Astra 0108 0373 0530 0539 0518  
 0344 0513 0243 0607 0346  
 3530069 Astro 0173 0607 0358 0520 0613  
 0369 0501 0658  
 3530071 Athena 0668  
 3531036 Atlantide 0333  
 3530081 Audioton 0364 0613  
 3530082 Aura 0539  
 3531155 Austar 0863 0642 0283 0497 0879  
 3531037 Avalon 0396  
 3530088 Axiel 0668  
 3530089 Axis 0530 0369 0366 0834  
 3530095 Barcom 0108 0217  
 3530103 Beko 0455  
 3530106 Best 0217 0369 0458  
 3530107 Bestar 0243  
 3530113 Blaupunkt 0173  
 3530114 Blue Sky 0713 0885  
 3530117 Boca 0243 0713 0589 0513 0683  
 0794 0829 0132  
 3531522 Boston 0132 0710  
 3530122 Brain Wave 0332 0692  
 3530129 Broadcast 0346  
 3530130 Broco 0530 0713  
 3531070 BskyB 0847  
 3531531 BT 0515 0668 0710  
 3531038 Bubu Sat 0713  
 3530139 Bush 0254 0067 0328 0522 0183  
 0362  
 3531039 BVV 0692  
 3530143 Cambridge 0344 0515 0683 0501  
 3530995 Canal  
 Satellite 0853 0292  
 3531159 Carat.Som 0366  
 3530163 Channel  
 Master 0362  
 3531458 Chess 0157 0605

3530170 CityCom 0394 0818 0115 0607  
 3531557 Claasen  
 Nachrichten 0520  
 3531099 Clark 0811 0613  
 3530172 Clatronic 0332  
 3530174 Clemens  
 Kamphus 0502 0333 0834  
 3530176 CNT 0520  
 3530177 Colombia 0132 0668  
 3530179 Columbus 0297 0668  
 3530182 Commander 0220  
 3530183 Commlink 0288  
 3531101 Communi-  
 cado 0366  
 3530185 Comtec 0288 0366  
 3530187 Condor 0369 0607  
 3530189 Connexions 0458 0396 0369  
 3530190 Conrad 0607 0589 0573 0115 0369  
 0501  
 3531567 Conrad  
 Electronic 0589 0607 0713  
 3530191 Contec 0394 0589 0366  
 3530193 Cosat 0592 0364  
 3530197 Crown 0243 0518  
 3530198 Cryptovision 0455  
 3530204 Cyrus 0200  
 3531092 D-box 0723 0873  
 3530205 Daewoo 0373 0713 0421  
 3530208 Dansat 0067 0183  
 3531040 Daumling 0794  
 3530213 DDC 0362  
 3531161 Delfa 0863  
 3530221 Dew 0366 0373  
 3530222 Diamond 0586  
 3531588 DigiQuest 0863  
 3531300 Discoverer 0605  
 3530227 Discovery 0668 0710  
 3531041 Diseqc 0710  
 3530229 Disk Express 0217  
 3531352 Distratel 0084 0885  
 3530230 Distrisat 0200 0592  
 3530233 DNR 0692  
 3530234 DNT 0200 0458 0396  
 3531042 DST 0421  
 3530240 Dual 0373  
 3530244 Dune 0369  
 3530248 Echostar 0167 0396 0668 0713 0871  
 0853  
 3530250 EIF 0674 0417  
 3530251 Einhell 0333 0243 0421 0288 0252  
 0513 0518 0713 0501 0794  
 0132  
 3531611 Elap 0713  
 3530255 Elekta 0520  
 3530262 Elsat 0689  
 3530263 Elta 0364 0421 0200 0369  
 3530264 Emanon 0421  
 3530266 Emme Esse 0369 0502 0328 0871  
 3531043 Engel 0713  
 3530268 EP Sat 0455  
 3530275 Eurieult 0417 0136 0084 0885  
 3531044 Eurocrypt 0455 0108  
 3530277 Eurodec 0526  
 3530279 Europa 0220 0589 0501 0200 0863  
 0607  
 3531045 European 0794  
 3530282 Eurosat 0243 0586  
 3530283 Eurosky 0243 0369 0607 0287 0132  
 0115  
 3530285 Eurostar 0898 0539 0607 0880  
 3530289 Exator 0421 0515 0613  
 3530292 Extra Sat 0519  
 3531046 Fagor 0592 0364  
 3530294 Fenner 0157 0668  
 3530296 Ferguson 0067 0183 0455 0336 0614  
 0328 0711  
 3530299 Fidelity 0252 0461 0368 0501  
 3530301 Finlandia 0455 0108  
 3530302 Finlux 0455 0344 0108 0414 0573  
 0397



3530580	Nokia	0328 0108 0723 0573 0873	3530716	Sabre	0455
		0172 0455 0397 0821 0751	3530718	Sagem	0820
		0853 0604	3530721	Sakura	0366
3530581	Nomex	0498	3530722	Salora	0108 0172 0604
3531190	Norco	0498	3530724	Samsung	0287 0421 0853
3530582	Nordmende	0362 0455 0520 0421 0614	3530731	SAT	0351 0321 0461 0501 0362
		0254	3530740	Sat Partner	0332 0502 0421 0335 0520
3532230	Nova	0879			0613 0734 0811 0501 0692
3530584	Novis	0332	3530732	Sat Team	0368 0713
3530586	NTC	0502	3530734	Satcom	0346 0605 0607
3530588	Oceanic	0586 0333	3530735	Satec	0183 0328 0713 0834
3530589	Octagon	0373 0421 0220 0366 0613	3531057	Satelco	0369
3530590	Okano	0243 0502 0331 0668	3530737	Satford	0346
3531069	OnDigital	0133 0134 0241 0751 0137	3530738	Satline	0628
3530597	Optex	0394 0592 0364 0417 0792	3530739	Satmaster	0346
		0831 0834	3531058	Schäcke	0613
3531055	Optima	0502	3530746	Schneider	0667 0805 0898 0710 0668
3531447	Optus	0879	3530747	Schwaiger	0394 0674 0183 0605 0504
3530599	Orbit	0351 0373 0333			0589 0732 0157 0607 0885
3530600	Orbitech	0501 0589 0541 0421 0262			0692
		0157	3531442	SCS	0115
3530601	Origo	0497 0498	3530751	Sede	
3530602	Orion	0522		Electronique	0421 0125
3530606	OSAT	0345	3530752	Seemann	0396 0243 0530 0515
3530611	Oxford	0344 0515 0668	3530753	SEG	0421 0369 0539 0332 0605
3530612	Pace	0455 0887 0328 0847 0067			0518 0519 0742 0114
		0183 0336 0791 0795 0241	3530756	Seleco	0592 0364 0871
		0720 0497 0239 0200 0853	3531141	Servi Sat	0136 0417 0592
3530613	Pacific	0586	3530762	Sharp	0541
3531441	Packsat	0710	3530773	Siemens	0173 0683
3530615	Palcom	0297 0362	3530780	Silva	0335
3530616	Palladium	0243 0571 0421 0518 0501	3530785	Skantin	0713
3530617	Palsat	0501 0297	3530786	Skardin	0530
3531130	Panasat	0879 0615	3531205	Skinsat	0501
3530620	Panasonic	0455 0328 0847	3530787	SKR	0713
3530623	Panda	0455 0067 0108 0607 0173	3531298	Sky	0847 0856 0887
		0834	3530789	Skymaster	0288 0519 0605 0628 0713
3530627	Paristad	0417			0880 0157
3530630	Patriot	0515 0668	3530790	Skymax	0200 0333 0539
3530636	Philips	0200 0292 0220 0183 0455	3531206	SkySat	0157 0605 0713
		0328 0667 0750 0710 0613	3530792	Skytwin	0519
		0805 0589 0217 0668 0853	3530793	Skyvision	0364
		0571 0173 0133 0134 0818	3530794	SL	0692 0132 0742 0243
		0898	3531429	SL Marx	0692
3530639	Phoenix	0366 0183	3531922	SM Electronic	0157 0713
3530641	Phonotrend	0288 0592 0364 0502 0656	3531207	Smart	0132
		0863	3530805	Sony	0847 0704 0455 0853 0292
3530642	Pioneer	0853 0292	3531059	SR	0513
3530643	PK Sat	0333	3530816	Starion	0539
3531133	Planet	0871 0396	3531443	Starland	0713
3530646	Polytron	0394 0396	3530820	Starring	0332
3530652	Predki	0332 0421	3530824	Strong	0421 0613 0369 0520 0373
3530653	Preisner	0243 0513 0589 0132 0396			0879 0872 0125 0853
		0683 0794	3530826	STVI	0417 0136
3530654	Premier	0592 0502 0811 0292	3530827	Sumida	0243
3531056	Premiere	0292 0853 0873	3530829	Sunny Sound	0369
3531853	Pro Visat	0734 0520	3530830	Sunsat	0713 0530
3530661	Profile	0668 0710	3530831	Sunstar	0513 0243 0369 0794 0132
3531857	Promax	0455			0829
3530663	Prosat	0254 0288 0362 0628	3530846	Tagra	0364 0297
3530664	Prosonic	0742	3530851	Tantec	0297 0328 0336 0455
3530666	Protek	0586 0333	3530853	Tatung	0455
3530667	Proton	0333	3531973	Technetix	0530
3530669	Provision	0520	3530858	Techniland	0346 0592 0364
3530672	Pye	0571	3530859	TechniSat	0262 0501 0541 0458 0518
3531087	Pyxis	0831 0834			0200
3530676	Quadral	0362 0519 0288 0369 0589	3530860	Technowelt	0607 0885
		0628 0668 0710	3530862	Teco	0373 0243 0513
3530678	Quelle	0252 0607 0742 0115	3530863	Telasat	0605 0115 0607
3530684	Radiola	0200	3530868	Teleciel	0613 0734
3530687	Radix	0396 0458 0882	3530869	Telecom	0713
3530689	Rainbow	0613	3531060	Teledirekt	0183
3530694	Red Star	0369	3530872	Telefunken	0421 0328 0710
3530696	Redpoint	0530	3530875	Teleka	0243 0442 0613 0396 0750
3530700	RFT	0541 0288 0220 0200			0692 0501 0262 0607 0834
3530701	Roadstar	0713	3530876	Telemaster	0520
3530708	Rover	0628 0713	3530880	Telesat	0605 0607
3530715	Saba	0254 0183 0520 0328 0336	3530883	Telestar	0501
		0614 0690 0734 0710 0692	3531214	Teleste	0414
		0885 0115 0607	3530884	Teletech	0880 0114



3530886	Televes	0132	0455	0501	0328	0881	
		0734					
3530888	Telewire	0592	0656	0364			
3531990	Ten Haaft	0692					
3530891	Tensai	0373	0332				
3530895	Thomson	1046	0455	0614	0713	0292	
		0853	0328	0115	0607	0820	
		0668	0710				
3530896	Thorens	0586					
3530897	Thorn	0328	0455				
3530898	Tioko	0394	0243				
3530900	Tokai	0200					
3530903	Tonna	0346	0455	0592	0668	0364	
		0501	0713	0834			
3530905	Toshiba	0455	0137				
3530992	TPS	0820					
3530910	Trendline	0513					
3532010	Trendplain	0513					
3530911	Triad	0351	0335	0321	0333	0372	
3530912	Triasat	0414	0501				
3531061	Triax	0414	0501	0115	0200	0396	
		0713	0853				
3530915	Tristar	0373					
3531147	Twinner	0417	0136				
3532019	UEC	0879					
3530919	Uher	0157					
3530922	Uniden	0194	0792	0831			
3530923	Unisat	0366	0243	0200			
3530927	Unitor	0217	0332				
3530929	Universum	0173	0571	0397	0607	0656	
		0115	0461	0742			
3530932	Variosat	0173					
3530933	Vector	0333	0518				
3532030	Vega	0369					
3530936	Ventana	0200					
3530937	Vestel	0742					
3532158	Via Digital	1046	0167				
3532036	Videocrypt	0711					
3530947	Viper	0366					
3532112	Visionic	0125					
3530952	Visiosat	0710	0351	0690	0713	0142	
3530955	Viva	0220					
3530956	Vortec	0287	0421				
3530931	VTech	0351	0321	0690	0818		
3530962	Wela	0589	0713	0794	0132		
3531091	Wetekom	0829	0157	0605	0501		
3532057	Wevasat	0333					
3530966	Wewa	0333	0455				
3531217	Wibo	0243					
3530968	Winersat	0332					
3531062	Wintergarten	0288					
3530969	Wisi	0638	0173	0321	0372	0690	
		0396	0589	0455	0351	0501	
		0834	0607				
3530971	Woorisat	0520					
3530972	World	0332					
3532113	Worldsat	0668	0710	0114	0123		
3531151	XCOM	0832	0123	0668			
3530976	Xrypton	0518	0369				
3530993	XSat	0832	0668	0713	0123		
3532070	Zaunkonig	0692					
3530986	Zehnder	0321	0331	0520	0504	0518	
		0369	0818	0742	0394	0114	
		0217	0115				
3530987	Zenith	0856					
3531064	Zeta						
	Technology	0200					
3530989	Zodiac	0613					
3530990	Zwergnase	0794	0243				

## CBL Models

3530025	Alcatel	0896	0897				
3531155	Austar	0012					
3531531	BT	0105	0716	0003			
3530141	Cabletime	0271	0377	0448	0665		
3531544	Canal Plus	0443					
3531564	Comcrypt	0443					
3530198	Cryptovision	0600					

3531583	Decsat	0423					
3531641	Filmnet	0443					
3530996	France						
	Telecom	0451	0817	0896	0897		
3530326	Galaxi	0008					
3531076	General						
	Instruments	0476					
3530355	Grundig	0529					
3531692	HyperVision	0619					
3530421	Jerrold	0003	0476				
3531341	Kabelvision	0003					
3530485	Luxor	0681					
3530489	Macab	0817					
3531782	MNet	0443					
3532098	Mr Zapp	0817					
3530580	Nokia	0681					
3530612	Pace	1068	1060				
3530636	Philips	0619	0451	0817	0286		
3530642	Pioneer	0144					
3531065	PVP Stereo						
	Visual	0003					
3530718	Sagem	0817					
3530722	Salora	0382	0681				
3530724	Samsung	0144					
3530748	Scientific						
	Atlanta	0008	0477				
3530864	Tele+1	0443					
3532108	Teledanmark	0619					
3530879	Telepiu	0243					
3530917	Tudi	0286	0619				
3530925	United Cable	0003					
3532040	Videotron	0250					
3530945	Videoway	0250					
3530951	Visiopass	0451	0817				
3532055	Westminster	0105	0716				

## DVD

3582085	3DLAB	0539					
3580020	Akai	0611					
3580217	Denon	0490					
3580302	Finlux	0591					
3580347	GoldStar	0591					
3580355	Grundig	0539					
3580362	Hanseatic	0591					
3580381	Hitachi	0573					
3581688	Hoyo	0627					
3580425	JVC	0558	0623	0503	0539		
3580434	Kenwood	0534	0490				
3582097	Lasonic	0627					
3581072	LG	0591					
3580472	Loewe	0539					
3580492	Magnavox	0503					
3580500	Marantz	0539					
3580525	Metz	0525	0571				
3581775	Micromedia	0503	0539				
3580528	Micromedia	0539					
3580535	Mitsubishi	0521					
3580558	Nakamichi	0611					
3580594	Onkyo	0612	0503				
3580598	Optimus	0525					
3580620	Panasonic	0490					
3580636	Philips	0539	0503				
3580642	Pioneer	0525	0571				
3581871	REC	0490					
3580722	Salora	0591					
3580724	Samsung	0573					
3580805	Sony	0533	0573				
3580854	Teac	0591					
3580857	Technics	0490					
3580895	Thomson	0551					
3580905	Toshiba	0503					
3580929	Universum	0591					
3580977	Yamaha	0490	0545	0539			
3580987	Zenith	0503	0591				


\* Excludes a few models in the LS, LX and MX series.

# Advanced Features

## Scan

Your ONE FOR ALL 4 Digital comes with a special SCAN function which lets you "scan" through every Channel available on your Television, Video Recorder or DVD Player, Satellite or Cable Converter.

For example, to scan the programmes on your TV:

**1**  Aim the ONE FOR ALL 4 Digital at your TV. Press the **TV** key. Press and release **MAGIC** then press the **MUTE** key.



The ONE FOR ALL 4 Digital will send the command to advance through all the Channels available on your Television stopping at each channel for about three seconds. Remember, you must aim the ONE FOR ALL at your device the entire time you are using Scan.

**2** When you find a channel you would like to watch, simply press **any key** to stop the SCAN feature.

### Important notes:

- To use SCAN with your Video Recorder or DVD Player, Satellite or Cable converter, follow the same instructions above, only press the VCR or SAT key during step 1.
- SCAN may not function with devices that did not have (a) channel +/- key(s) on the original remote control.

## Volume Punch Through

You may be able to use some features of your Television, Video Recorder or DVD Player, Satellite or Cable Converter at the same time. If you're watching a programme on your Video, you can adjust the volume (a TV function) without first pressing the TV key. The chart below lists some of the possibilities:

Last Key Pressed:	You Can Control:
VCR	TV volume up and down, mute
SAT	TV volume up and down, mute
AUX	TV volume up and down, mute

To punch through to TV volume while in the VCR, SAT or AUX mode:

- 1** Press and hold **MAGIC** until the red light blinks twice.
- 2** Press **9 9 3**.
- 3** Then press the **TV** key and the red light will blink twice.

To cancel the "Volume Punch Through":

- 1** Press and hold **MAGIC** until the red light blinks twice.
- 2** Press **9 9 3**.
- 3** Press the **Volume (+)** key and the red light will blink four times.

**Note:** If the original remote of your Video Recorder or DVD Player, Satellite or Cable converter has its own volume keys, then the "Volume Punch Through" does not work.

## Advanced Features

### Menu

If your original remote had MENU control, your ONE FOR ALL 4 Digital will be able to control this feature. To use MENU, find the description below which describes how your original remote navigated through MENU.

#### Original remote used Up, Down, Left and Right:

After pressing the MENU key on the ONE FOR ALL 4 Digital, you can use the directional keys to navigate through the MENU screen the same way you did with your original remote control.



#### Original remote used Red, Green, Yellow and Blue:









On some devices MENU is activated by pressing one of the Fastext keys (red, green, yellow or blue). The ONE FOR ALL 4 Digital will access MENU in the same way. To navigate through the menu screens, use the same keys as you did on your original remote control.

**Important note** For a more detailed explanation of MENU, please refer to the manual of your device. Remember not all devices operate MENU in the same way.

### Colour and Brightness

Depending on the functions of your original remote control, the ONE FOR ALL 4 Digital may operate the colour and brightness settings of your Television.

By pressing MAGIC followed by a Volume or Channel key, you may access these functions. To adjust the colour and brightness settings:

Colour up =	Press		then hold	
Colour down =	Press		then hold	
Brightness up =	Press		then hold	
Brightness down =	Press		then hold	

## Sleeptimer



Sleeptimer is a feature which comes built into many TVs and Satellites. It allows you to set your device to turn off within a certain amount of time. This feature is very useful if, for example, you enjoy falling asleep with your television on.



With the ONE FOR ALL, there are two ways to use Sleeptimer. If your TV or Satellite came with this feature built in, follow the instructions "Device Sleeptimer" below. If your device did not come with this feature, follow the instructions "ONE FOR ALL Sleeptimer".

## Device Sleeptimer

If your TV or Satellite has a "Sleeptimer" function built in, you can access this function with your ONE FOR ALL remote. To do so:

**1** Make sure your TV (or Satellite) is switched on.

**2**  or  Press the device key (**TV** or **SAT**).

**3**   Point the ONE FOR ALL at your TV (or Satellite) and press and release **MAGIC** then press **POWER**. You should see the Sleeptimer activate on your TV screen.  
To increase the timer, simply press **POWER** again (within 5 seconds) until the timer gets to the desired time.

To deactivate the Sleeptimer, repeat steps 1-3 above. During step 3, continue pressing Power (within 5 seconds) until the timer indicates zero minutes.

### Important notes:

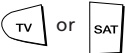

- Remember, your device must have its own Sleeptimer function in order for the above instructions to operate. If your device does not have its own Sleeptimer, follow the instructions outlined on the next page.
- Depending on how you used sleeptimer on the original remote, you might need to access sleeptimer in a different way (through MENU for example).

# Advanced Features

## The ONE FOR ALL Sleptimer

Your ONE FOR ALL remote comes with an internal Sleptimer function for those devices (TV or Satellite) which did not come standard with this function. To use the ONE FOR ALL Sleptimer, follow the steps below.

### Making your ONE FOR ALL ready for Sleptimer:

-  Press the device key (**TV** or **SAT**).
-  Then, **press and hold MAGIC** until the device key blinks twice (the device key will blink once, then twice). Press **970**. The device key will blink twice again. It is only necessary to perform steps 1 and 2 once. To set the timer, continue with the steps below.

### Setting the ONE FOR ALL Sleptimer:

It is possible to set the timer for 15, 30, 45 or 60 minutes. To do this, first make sure your TV (or Satellite) is switched on (not in standby).

#### Press the Device key (TV or SAT).



Then, press and release **MAGIC**, then press **POWER**.



The device key will blink *once* which indicates the timer is set for 15 minutes. To increase the timer, simply press **POWER** again (this must be done within 5 seconds). The device key will blink *twice* indicating the timer is set for 30 minutes (2x 15).



You can press **POWER** to a maximum of four times which will set the timer to 60 minutes.



Once you have set the timer to the desired time, set your ONE FOR ALL remote down, pointing it at your device. When the programmed amount of time has elapsed, the ONE FOR ALL will send the command for Power, hence turning off your device.

#### Important notes:


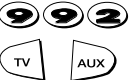





- The device key on the ONE FOR ALL will blink every 15 seconds indicating that the remote is in Sleptimer mode.
- To deactivate the Sleptimer, simply press any key on the ONE FOR ALL remote.
- Also, it is only necessary to follow steps 1 and 2 above one time. For subsequent use of the Sleptimer, simply begin with "Setting the Sleptimer".
- To switch the ONE FOR ALL back to Device Sleptimer (page 26), repeat steps 1-2 above. The device key will blink 4 times.
- Remember, when using the ONE FOR ALL Sleptimer, you must set the remote so it is pointing to your device.
- The ONE FOR ALL Sleptimer can be set up for only one device at a time.

# Advanced Features

## Using the AUX Key

The AUX key on your ONE FOR ALL 4 Digital can **only** be used to control a second Television, Video Recorder or DVD Player, Satellite Receiver or Cable Converter.

**Example: To set up the AUX key to control a second TV:**

-  **Press and hold down the MAGIC key** until the device key blinks twice (the device key will blink once, then twice).
-  **Press 9 9 2 TV AUX.** The device key will blink twice. The AUX is now defined as a TV key.
-  Find your Television code in the Set-Up Code section (starting on page 11). Codes are listed by brand name. The most popular code is listed first. Make sure your Television is switched on (not in standby).
-  Press and release your ONE FOR ALL 4 Digital's **AUX** key.
-  **Press and hold down the MAGIC key** until the ONE FOR ALL 4 Digital's device key blinks twice (the device key will blink once, then twice).
-  Enter your **four-digit TV code** using the number keys. The device key will blink twice.
-  Now, aim your ONE FOR ALL 4 Digital at your Television and press **POWER**. If your Television switches off, your device key is ready to run your Television. When you want to control your second TV, press AUX first.

**Make sure you write down your code in the boxes provided inside the battery compartment and on page 11 for easy future reference.**

### Important notes:

- To set up a second Video Recorder or DVD Player, follow the same instructions above, only press the VCR key instead of TV during step 2.
- To set up a second Satellite or Cable Converter, follow the same instructions above, only press the SAT key instead of TV during step 2.

## Advanced Features

### Changing the mode of a Device Key

If you want, you can change any of the device keys (TV, VCR, SAT or AUX) to operate another type of device. The chart below lists how to change the keys and to set up that device.

To programme a:	Press:
TV on the AUX key	MAGIC* 992 TV AUX, then AUX MAGIC* TV Code
VCR on the AUX key	MAGIC* 992 VCR AUX, then AUX MAGIC* VCR Code
DVD on the AUX key	MAGIC* 992 VCR AUX, then AUX MAGIC* DVD Code
SAT on the AUX key	MAGIC* 992 SAT AUX, then AUX MAGIC* SAT Code
CBL on the AUX key	MAGIC* 992 SAT AUX, then AUX MAGIC* CBL Code
VCR on the TV key	MAGIC* 992 VCR TV, then TV MAGIC* VCR Code
DVD on the TV key	MAGIC* 992 VCR TV, then TV MAGIC* DVD Code
SAT on the TV key	MAGIC* 992 SAT TV, then TV MAGIC* SAT Code
CBL on the TV key	MAGIC* 992 SAT TV, then TV MAGIC* CBL Code
TV on the VCR key	MAGIC* 992 TV VCR, then VCR MAGIC* TV Code
SAT on the VCR key	MAGIC* 992 SAT VCR, then VCR MAGIC* SAT Code
CBL on the VCR key	MAGIC* 992 SAT VCR, then VCR MAGIC* CBL Code
TV on the SAT key	MAGIC* 992 TV SAT, then SAT MAGIC* TV Code
VCR on the SAT key	MAGIC* 992 VCR SAT, then SAT MAGIC* VCR Code
DVD on the SAT key	MAGIC* 992 VCR SAT, then SAT MAGIC* DVD Code

**\* Hold down the MAGIC key until the device key blinks twice.**  
(The device key will blink once, then twice).

**To reset a device key to its original function, press:**

TV key	MAGIC* 992 TV TV
VCR key	MAGIC* 992 VCR VCR
SAT key	MAGIC* 992 SAT SAT
AUX key	MAGIC* 992 AUX AUX

**\* Hold down the MAGIC key until the device key blinks twice.**  
(The device key will blink once, then twice).

# Trouble-Shooting

## Helpful Hints

<b>Problem:</b>	<b>Solution:</b>
Your brand is not listed in the code section?	Try the search method on page 9.
The ONE FOR ALL does not operate your device(s)?	A) Try all the codes listed for your brand. B) Try the search method on page 9.
The ONE FOR ALL is not performing commands properly?	You may be using the wrong code. Try repeating the Direct Set-Up using another code listed under your brand or start the search method over again to locate the proper code.
Problems changing channels?	Enter the channel number exactly as you would on your original remote.
Video not recording?	As a safety feature on your ONE FOR ALL, you must press the RECORD key <b>twice</b> .
The ONE FOR ALL does not respond after pressing a key?	Make sure you are using new batteries and are aiming the ONE FOR ALL at your device.
Device key does not blink when you press a key?	Replace batteries with 2 fresh, new "AA/LR6" alkaline batteries.



## Customer service

If you still have questions about the operation of your ONE FOR ALL 4 Digital universal remote and you could not find the answer(s) in the trouble-shooting section, you may want to contact the customer service department for assistance.

You may care to visit our internet-site:

**www.oneforall.com**

Our internet-site has many advantages:

- 24 hours access
- no waiting time
- page for Frequently Asked Questions
- info about the ONE FOR ALL product range

**Before contacting us, by Fax, E-mail or Phone, make sure you have the required information available by filling in the table below.**

What do we need to know before you contact us:

1. That you have the **URC-7541/44** ONE FOR ALL remote
2. The date of purchase (..../..../....)
3. A list of your equipment/models/helpcodes(\*): (see example below)

Helpcode(*)	Device	Brand	Device model nr.	Remote model nr.	SET-UP(***) code
3510805	TV	Sony	KVX-2950B	RMT-V131B	0505 (example)

(\*\*\*) To obtain the SET-UP CODE, please follow the blink back procedure on page 8.

**Type/model numbers can often be found in your equipment owner's manual or on the factory plate behind the device.**

4. Then Fax, E-mail or Dial us:

**In the UK:**

e-mail : ofahelp@uebv.com (\*\*)  
fax : +31 53 432 9816  
tel : 0808-1000306(\*)

**In Australia:**

e-mail : ofahelp@uebv.com (\*\*)  
fax : 03 9672 2479  
tel : 1-300 888298

**In New Zealand:**

e-mail : ofahelp@uebv.com (\*\*)  
fax : (06) 878 2760  
tel : 0508 ONE 4 ALL (663 4 255)

**In Ireland:**

e-mail : ofahelp@uebv.com (\*\*)  
fax : +31 53 432 9816  
tel : 1-800 553199 (\*)

**In South Africa:**

e-mail : support@oneforall.co.za  
fax : 011 298 2302  
tel : 0860 100551  
tel : 011 298 2300

(\*) When you call us you will be asked to enter your helpcode(s). You only have to enter the helpcode(s) of those devices you have a problem with. The helpcode is a 7-digit code, which defines the ONE FOR ALL-model you have, the device type and the brand of your device. This helpcode can be found in the first column of the setup code list.

(\*\*) Just send a blank message, you'll get auto-reply.

# Guarantee

UNIVERSAL ELECTRONICS INC./ONE FOR ALL warrants to the original purchaser that this product will be free from defects in materials and workmanship under normal and correct use for a period of one (1) year from the date of original purchase. This product will be replaced free of charge if it has been proven to be defective within the one (1) year warranty period. This warranty does not cover cartons, carrying cases, batteries, broken or marred cabinets or any other item used in connection with the product. Any further obligation than listed above is excluded. To obtain warranty service during the warranty period, please call us at the number mentioned on the Customer Service page. Please notice that we need your purchase receipt so that we may establish your eligibility for service.

Universal Electronics BV  
Europe & International  
P.O. Box 3332  
7500 DH, Enschede  
The Netherlands

URC-7541  
702246



Printed on Recycled Paper

DD-0402